

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	("20040245099"   "5687600"   "6153315"   "6283357"   "6342133"   "6887356").PN.	US-PGPUB; USPAT	OR	ON	2009/07/15 17:59
S2	1	wo-0032347-\$.did.	DERWENT	ADJ	ON	2009/07/15 18:00
S3	5	jp-04231461-\$.did. or jp-2001240959-\$.did. or jp-2000256843-\$.did. or jp-2003000139-\$.did. or jp-06199324-\$.did.	JPO	ADJ	ON	2009/07/15 18:01
S4	26	((TAKEO) near2 (OKABE)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/09/15 16:35
S5	4	((MASARU) near2 (NAGASAWA)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/09/15 16:35
S6	50	("7480976" "7561937" "20070131545" "20080110011" "20080221721" "5457298" "4374722" "4588490" "4818359" "5228963" "5346600" "5490910" "5593551" "5702573" "5716500" "5969470" "6113752" "6150755" "6153067" "4610770" "4824544" "4966677" "5215638" "5298137" "5380415" "5688388" "6066242" "6183614" "6235170" "3627663" "4090941" "4252626" "4261808" "4290877" "4290875" "4376025" "4440618" "4521286" "4601807" "4880515" "4885075" "4904362" "4915805" "4953191" "4992298" "5178743" "5227206" "5229358" "5240583" "5288386" ).pn.	US-PGPUB; USPAT	OR	ON	2009/09/16 10:31
S7	1	jp-04231461-\$.did.	DERWENT	ADJ	ON	2009/09/16 10:37

S8	1	1992-326914.NRAN.	DERWENT	ADJ	ON	2009/09/16 10:37
S9	162	tosoh.as. and (sputter or sputtering)	US-PGPUB; USPAT	ADJ	ON	2009/09/16 10:38
S10	126	tosoh.as. and (sputter or sputtering) and (target or cathode)	US-PGPUB; USPAT	ADJ	ON	2009/09/16 10:38
S11	11	("3464579"   "3746205"   "3868041"   "5282943"   "D292176"   "D348220"   "D352896"   "D359448"). PN. OR ("D382111"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/16 10:57
S12	624	"220".clas. and target	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/16 11:00
S13	12	"220".clas. and target and (sputter or sputtering or pvd or (physical near1 vapor near1 deposition))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/16 11:01
S14	32	planar with hollow with (sputter or sputtering) with target	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/16 11:13
S15	32	planar with hollow with (sputter or sputtering) with target	US-PGPUB; USPAT	ADJ	ON	2009/09/16 11:14
S16	17	planar with hollow with (sputter or sputtering) with target	USPAT	ADJ	ON	2009/09/16 11:14
S17	1	planar with vault with (sputter or sputtering) with target	USPAT	ADJ	ON	2009/09/16 11:20
S18	1	("6348113").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/16 11:21
S19	4	((("20030037847") or ("20030019746") or ("20020157736") or ("20020072475") or ("2002002695")).PN.	US-PGPUB; USPAT	OR	OFF	2009/09/16 11:27
S20	21	planar and hollow and (sputter or sputtering or spatter or spattering) and target	EPO; JPO; DERWENT	ADJ	ON	2009/09/16 11:30
S21	11031	(applied with materials). as.	EPO; JPO; DERWENT	ADJ	ON	2009/09/16 11:39
S22	4774	(applied with materials). as.	USPAT	ADJ	ON	2009/09/16 11:40

S23	24	S22 and (hollow with cathode with target) and (planar with target) and (sputter or sputtering)	USPAT	ADJ	ON	2009/09/16 11:40
S24	24	S22 and (hollow with cathode with target) and (planar with target) and (sputter or sputtering)	USPAT	ADJ	ON	2009/09/16 11:40
S25	3	((("6193854") or ("5252194") or ("6500321"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/09/16 12:44
S26	82	(sputter or sputtering) same (target or cathode) same concave same (planar or flat)	US-PGPUB; USPAT	ADJ	ON	2009/09/16 12:52
S27	25	("3884793"   "5171415"   "5188717"   "5244556"   "5393398"   "5437778"   "5529674"   "5656138"   "5693197"   "5770025"   "5855745"   "5865961"   "5993621"   "5997697"   "6033536"   "6042706"   "6063245"   "6077407"   "6083364"   "6113761"   "6283357").PN. OR ("6887356").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/26 17:04
S28	32318	(sputter or sputtering) with targets	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/26 17:25
S29	2	((("3464579") or ("3868041"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/01/26 17:25
S30	32318	(sputter or sputtering) with target	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/26 17:26
S31	87	((sputter or sputtering) with target) same planar same (hollow with cathode)	US-PGPUB; USPAT	ADJ	ON	2010/01/26 17:27
S32	25	("3669871"   "4100055"   "4198283"   "4747926"   "5032246"   "5178739"   "5320728"   "5435965"   "5482611"   "5490915"   "5580428"   "5643823"   "5676810"   "5736019"   "5741404"   "5744016"   "5798029"   "5827414"   "5865961"   "5868914"   "5944967"   "6217716").PN. OR ("6500321").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/26 18:12

S33	21	(sputter or sputtering) and target and planar and hollow	JPO; DERWENT	ADJ	ON	2010/01/27 14:11
S34	2	(sputter or sputtering) and target and planar and hollow and tosoh	JPO; DERWENT	ADJ	ON	2010/01/27 14:14
S35	1	2004-270072.NRAN.	DERWENT	ADJ	ON	2010/01/27 14:15
S36	5	(sputter or sputtering) and target and hollow and tosoh	JPO; DERWENT	ADJ	ON	2010/01/27 14:15
S37	1	2005-718052.NRAN.	DERWENT	ADJ	ON	2010/01/27 14:16
S38	2	((("5435965") or ("5354446"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/01/27 14:18
S39	11	jp-05214525-\$.did. or jp-05230645-\$.did. or jp-05039566-\$.did. or jp-03153867-\$.did. or jp-08060351-\$.did. or jp-06293963-\$.did. or jp-05156431-\$.did. or jp-10068072-\$.did. or jp-03153868-\$.did. or jp-05311428-\$.did. or jp-03060351-\$.did. or jp-58500174-\$.did.	JPO	ADJ	ON	2010/01/27 14:21
S40	32139	(sputter or sputtering) with target	US-PGPUB; USPAT	ADJ	ON	2010/01/27 14:42
S41	577	(hollow with cathode) and concave	US-PGPUB; USPAT	ADJ	ON	2010/01/27 14:43
S42	85	S40 and S41	US-PGPUB; USPAT	ADJ	ON	2010/01/27 14:43
S43	2	S42 and tosoh.as.	US-PGPUB; USPAT	ADJ	ON	2010/01/27 14:47
S44	3	S42 and 204/298.13.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/01/27 14:48
S45	1	("20060151321").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/27 14:59
S46	117	((sputter or sputtering) with target) and tosoh.as.	US-PGPUB; USPAT	ADJ	ON	2010/01/27 14:59
S47	2	S46 and (itoh or mashiko or shibutami).in.	US-PGPUB; USPAT	ADJ	ON	2010/01/27 15:00
S48	16	((sputter or sputtering) with target) and tosoh.as. and hollow	US-PGPUB; USPAT	ADJ	ON	2010/01/27 15:02

S49	34	("3749662"   "4014779"   "4100055"   "4169031"   "4324631"   "4385979"   "4457825"   "4657654"   "4826584").PN. OR ("5009765").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/27 15:11
S50	648	((sputter or sputtering) with target) and (hollow with target)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/27 15:17
S51	633	((sputter or sputtering) with target) and (hollow with target)	US-PGPUB; USPAT	ADJ	ON	2010/01/27 15:17
S52	275	((sputter or sputtering) with target) and (hollow cathode with target)	US-PGPUB; USPAT	ADJ	ON	2010/01/27 15:19
S53	188	S52 and "204".clas.	US-PGPUB; USPAT	ADJ	ON	2010/01/27 15:20
S54	217	((sputter or sputtering) with target) and (concave with target)	US-PGPUB; USPAT	ADJ	ON	2010/01/27 15:38
S55	6	((sputter or sputtering) with target) and (concave with target)	JPO	ADJ	ON	2010/01/27 15:38
S56	63	((sputter or sputtering) with target) and (hollow with target)	JPO	ADJ	ON	2010/01/27 18:01
S57	0	((sputter or sputtering) target) with "228".clas.	US-PGPUB; USPAT	ADJ	ON	2010/01/27 18:16
S58	105	((sputter or sputtering) target) and "228".clas.	US-PGPUB; USPAT	ADJ	ON	2010/01/27 18:17

### EAST Search History (Interference)

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